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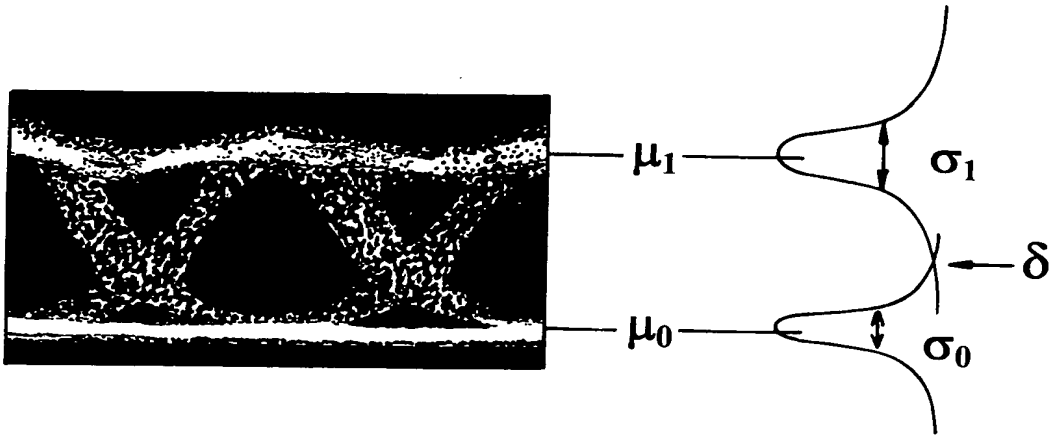
PATENT & TRADEMARK OFFICE



$$Q = \frac{\mu_1 - \mu_0}{\sigma_1 + \sigma_0}$$

$$\text{BER} = \frac{1}{2}\, erfc\left(\frac{Q}{\sqrt{2}}\right)$$

Fig. 1
(PRIOR ART)

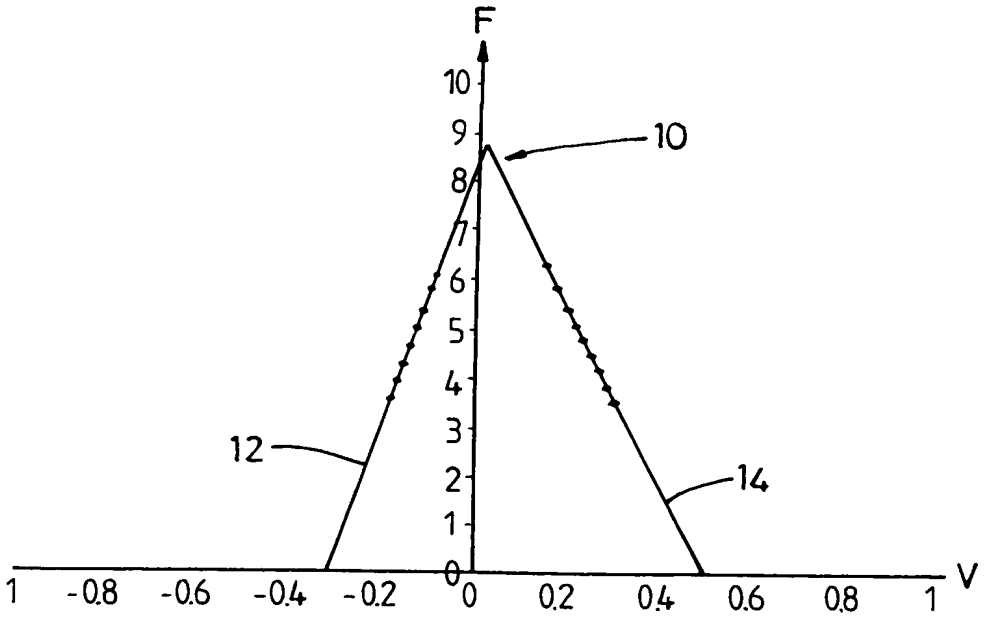


Fig. 2
(PRIOR ART)

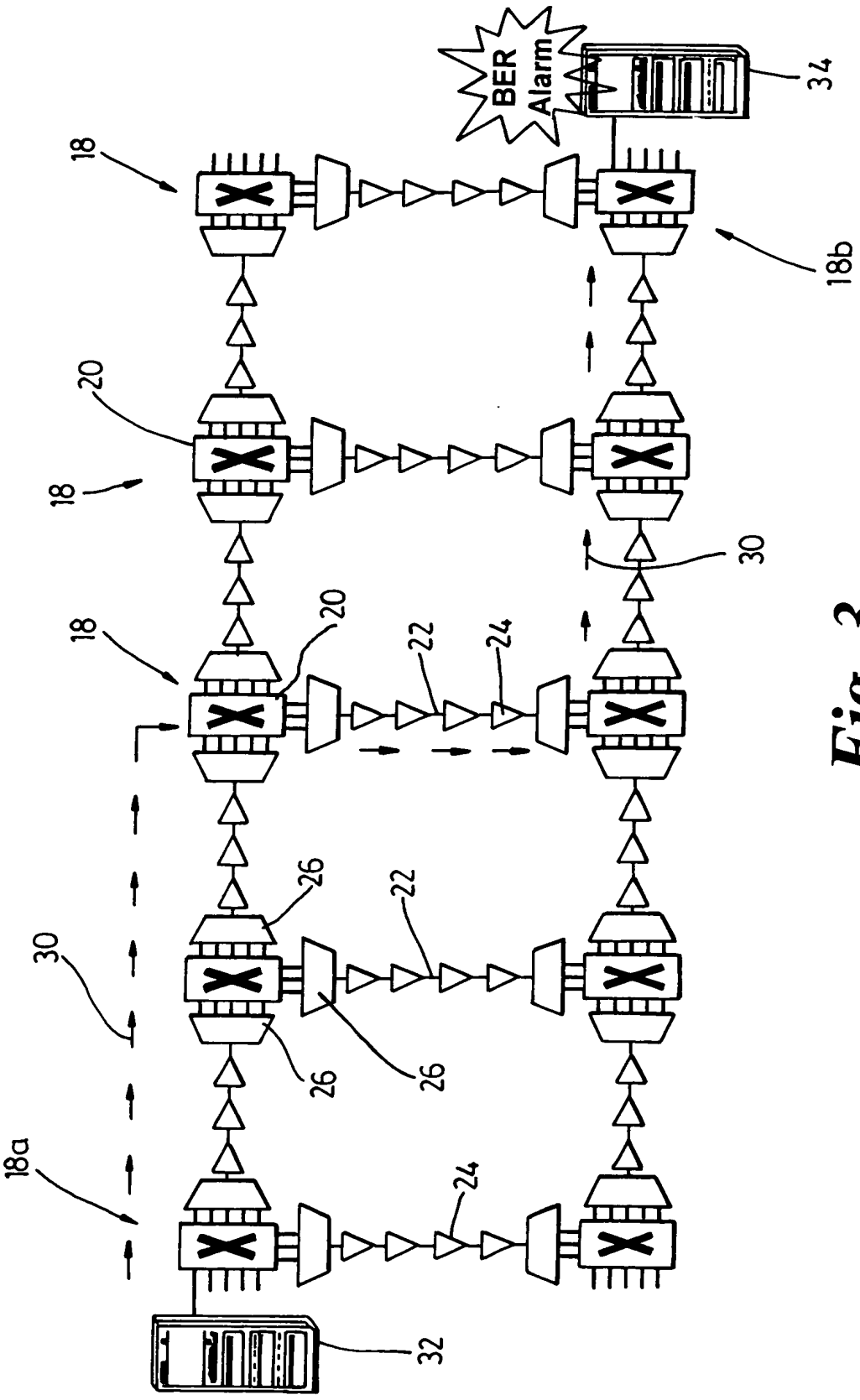
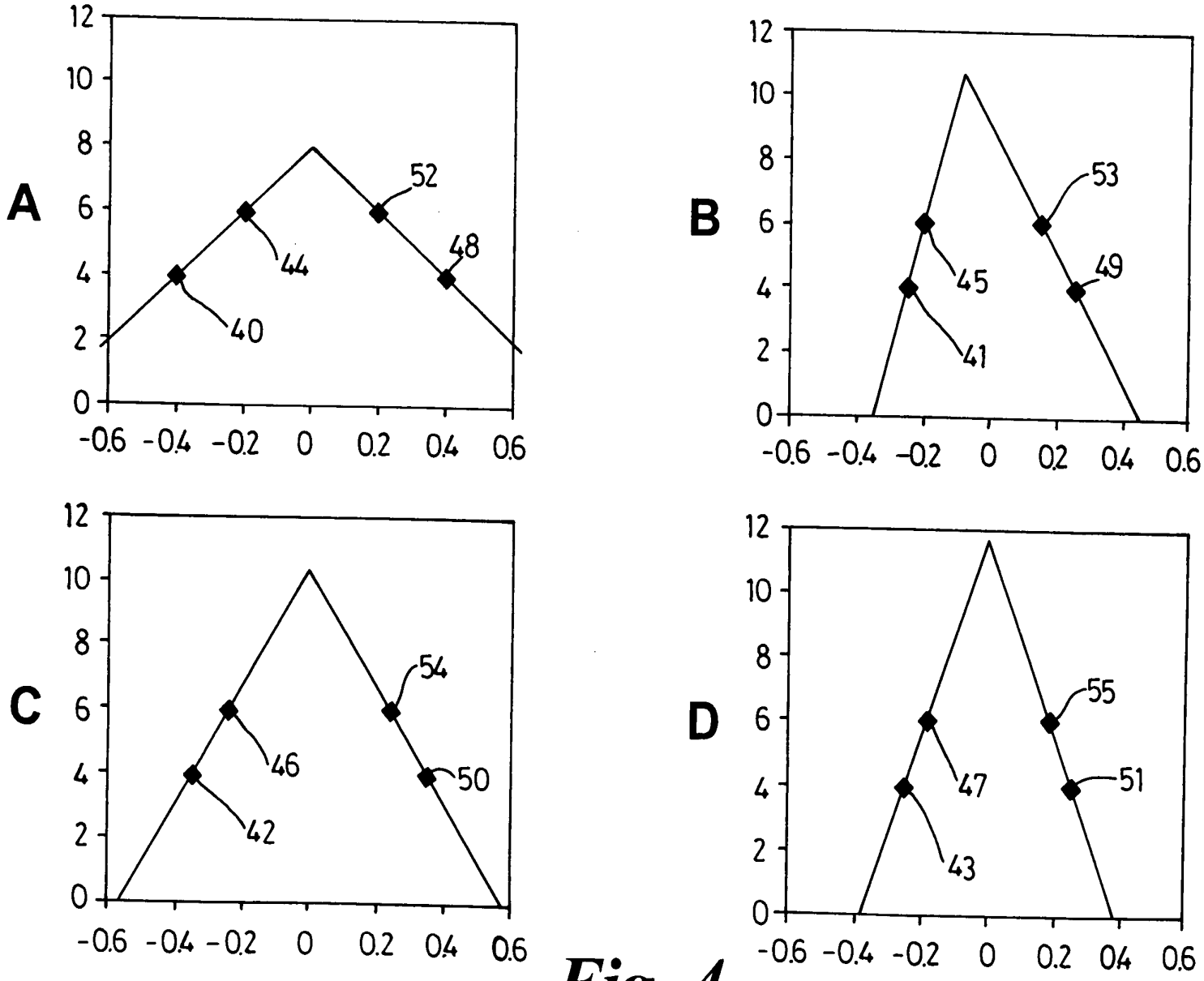


Fig. 3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B
C
D
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10
8
6
4
2
0
-0.6 -0.4 -0.2 0 0.2 0.4 0.6
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52
48
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51

Fig. 4

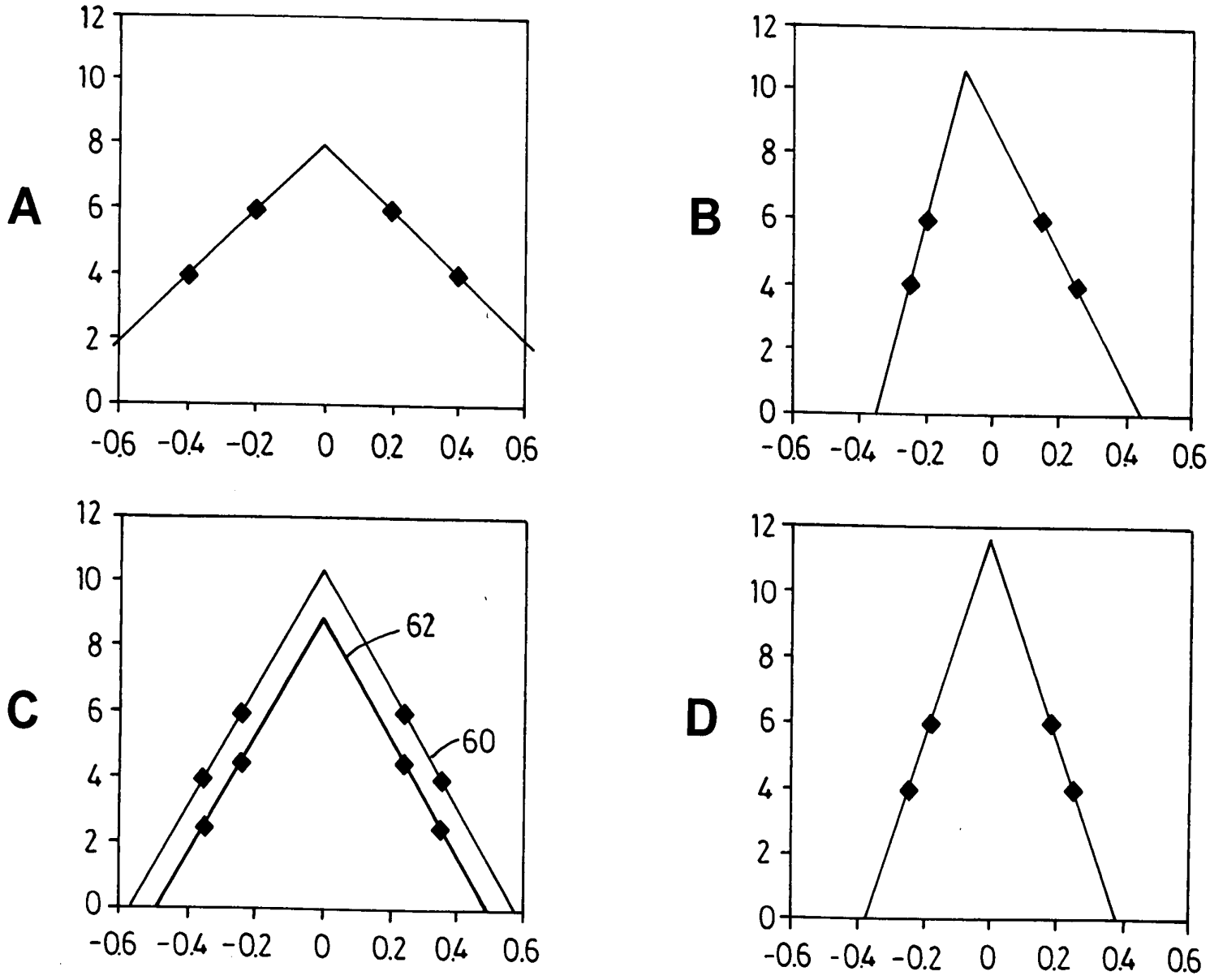
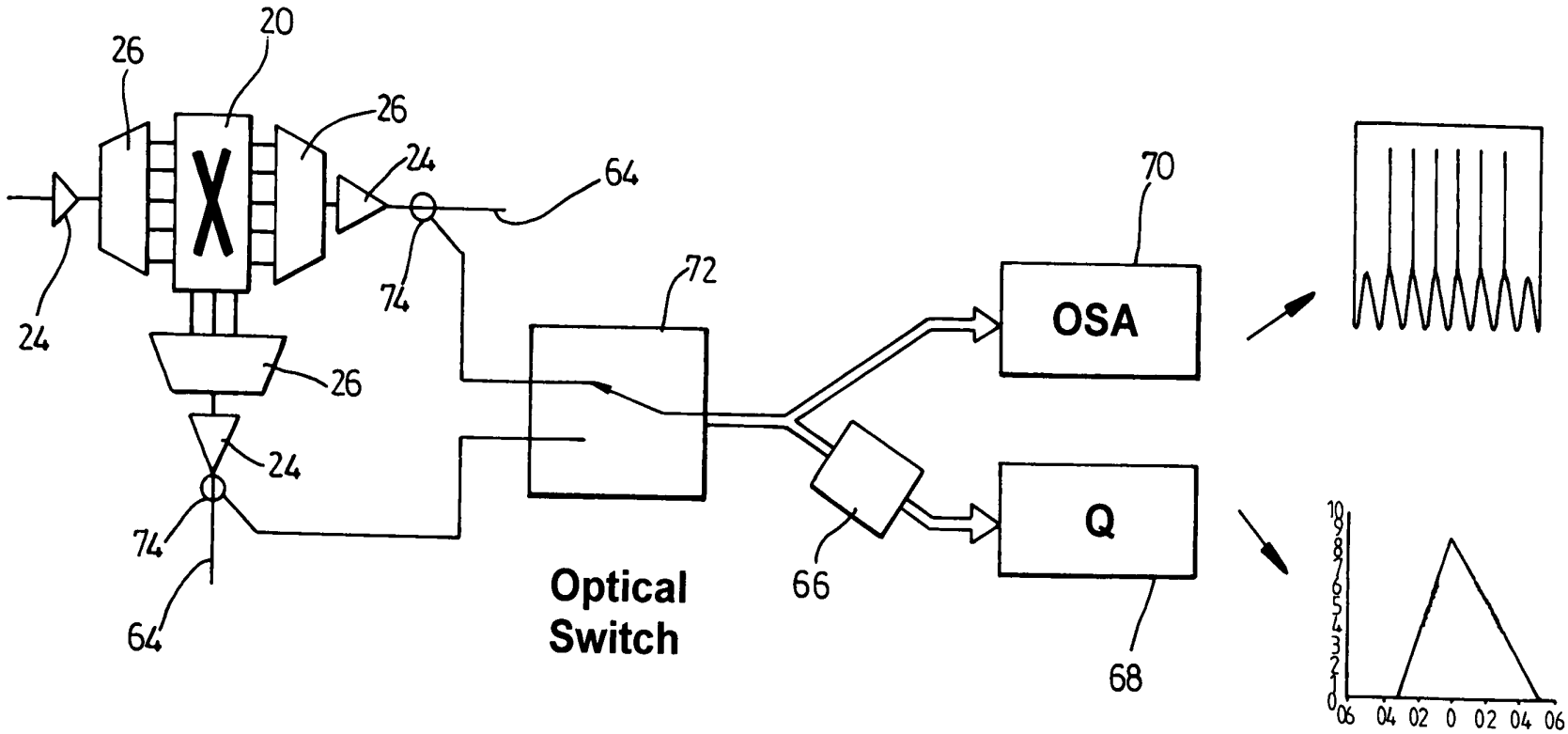


Fig. 5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Optical
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06 04 02 0 02 04 06

Fig. 6

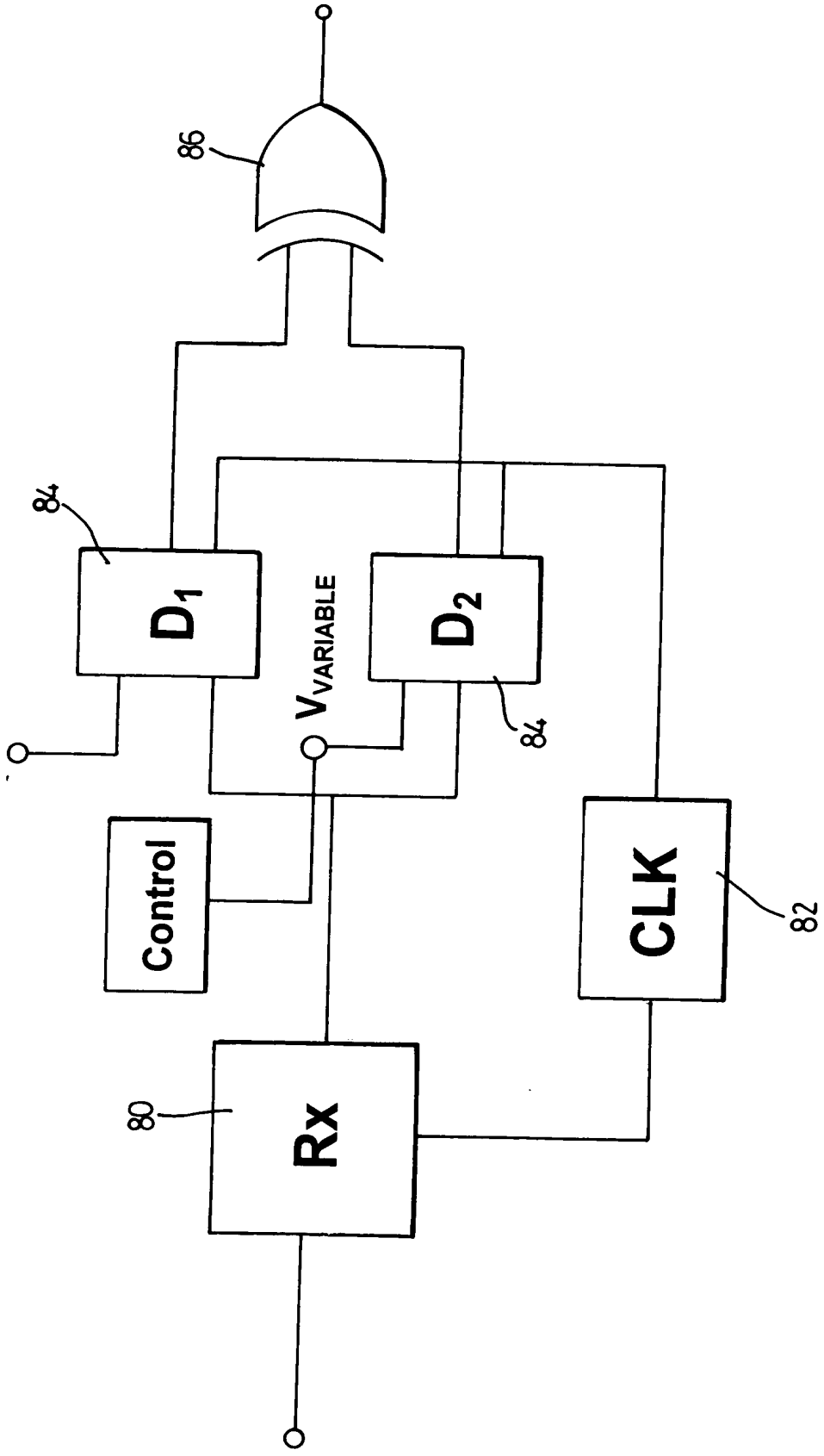

Fig. 7